

106TH CONGRESS  
2D SESSION

# S. 3232

To amend the Reclamation Wastewater and Groundwater Study and Facilities Act to authorize certain projects in California for the use or reuse of reclaimed water and for the design and construction of demonstration and permanent facilities for that purpose, and for other purposes.

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## IN THE SENATE OF THE UNITED STATES

OCTOBER 25 (legislative day, SEPTEMBER 22), 2000

Mrs. BOXER introduced the following bill; which was read twice and referred to the Committee on Energy and Natural Resources

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## A BILL

To amend the Reclamation Wastewater and Groundwater Study and Facilities Act to authorize certain projects in California for the use or reuse of reclaimed water and for the design and construction of demonstration and permanent facilities for that purpose, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*  
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “California Reclaimed  
5 Water Act for the 21st Century”.

1 **SEC. 2. COORDINATION OF PROJECTS AND PROGRAMS.**

2 Section 1602 of the Reclamation Wastewater and  
3 Groundwater Study and Facilities Act (43 U.S.C. 390h)  
4 is amended by adding at the end the following:

5 “(e) COORDINATION WITH CALFED BAY-DELTA  
6 PROGRAM.—

7 “(1) IN GENERAL.—The Secretary shall coordi-  
8 nate projects under this title with projects and pro-  
9 grams under the CALFED Bay-Delta Program re-  
10 ferred to in the California Bay-Delta Environmental  
11 Enhancement and Water Security Act (division E of  
12 Public Law 104–208; 110 Stat. 3009–748).

13 “(2) FEDERAL EXPENDITURES.—The Secretary  
14 shall take into account Federal expenditures under  
15 this title in making determinations under the  
16 CALFED Bay-Delta Program relating to the equi-  
17 table implementation of ecosystem restoration and  
18 water management.

19 “(f) COMPLIANCE WITH NATIONAL ENVIRONMENTAL  
20 POLICY ACT OF 1969.—Each project under this title shall  
21 be carried out in compliance with the National Environ-  
22 mental Policy Act of 1969 (42 U.S.C. 4321 et seq.).”.

23 **SEC. 3. AUTHORIZATIONS.**

24 The Reclamation Wastewater and Groundwater  
25 Study and Facilities Act (43 U.S.C. 390h et seq.) is  
26 amended—

1 (1) by inserting after section 1601 the fol-  
 2 lowing:

3 **“Subtitle A—Specific Projects”;**

4 (2) by redesignating sections 1631, 1632, 1633,  
 5 and 1634 (43 U.S.C. 390h–13, 390h–14, 390h–15,  
 6 390h–16) as sections 1640, 1671, 1672, and 1631,  
 7 respectively;

8 (3) by moving section 1631 (as redesignated by  
 9 paragraph (2)) to follow section 1630;

10 (4) by inserting before section 1671 (as redesign-  
 11 ated by paragraph (2)) the following:

12 **“Subtitle B—Studies and**  
 13 **Research”;**

14 (5) by inserting after section 1631 (as redesign-  
 15 ated by paragraph (2)) the following:

16 **“SEC. 1632. CASTAIC LAKE WATER AGENCY RECLAIMED**  
 17 **WATER PROJECT.**

18 “(a) IN GENERAL.—The Secretary, in cooperation  
 19 with the Castaic Lake Water Agency, California, may par-  
 20 ticipate in the design, planning, and construction of the  
 21 Castaic Lake Water Agency reclaimed water project, Cali-  
 22 fornia, to reclaim and reuse wastewater within and outside  
 23 the service area of the Castaic Lake Water Agency for  
 24 ecosystem restoration, irrigation, recreational, industrial,  
 25 and other public purposes.

1       “(b) COST SHARING.—The Federal share of the cost  
2 of the project described in subsection (a) shall not exceed  
3 25 percent of the total cost of the project.

4       “(c) LIMITATION.—Funds provided by the Secretary  
5 shall not be used for operation or maintenance of the  
6 project described in subsection (a).

7       “(d) AUTHORIZATION OF APPROPRIATIONS.—There  
8 is authorized to be appropriated to carry out this section  
9 \$20,000,000.

10 **“SEC. 1633. CLEAR LAKE BASIN WATER REUSE PROJECT.**

11       “(a) IN GENERAL.—The Secretary, in cooperation  
12 with Lake County, California, may participate in the de-  
13 sign, planning, and construction of the Clear Lake Basin  
14 water reuse project to obtain, store, and use reclaimed  
15 wastewater in Lake County for ecosystem restoration, irri-  
16 gation, recreational, industrial, and other public purposes.

17       “(b) COST SHARING.—The Federal share of the cost  
18 of the project described in subsection (a) shall not exceed  
19 25 percent of the total cost of the project.

20       “(c) LIMITATION.—Funds provided by the Secretary  
21 shall not be used for operation or maintenance of the  
22 project described in subsection (a).

23       “(d) AUTHORIZATION OF APPROPRIATIONS.—There  
24 is authorized to be appropriated to carry out this section  
25 \$9,000,000.

1 **“SEC. 1634. SAN RAMON VALLEY RECYCLED WATER**  
2 **PROJECT.**

3 “(a) IN GENERAL.—The Secretary may provide de-  
4 sign and construction assistance for the East Bay Munic-  
5 ipal Utility District/Dublin San Ramon Services District  
6 advanced wastewater reuse treatment project, California,  
7 for use for ecosystem restoration, irrigation, recreational,  
8 industrial, and other public purposes.

9 “(b) COST SHARING.—The Federal share of the cost  
10 of the project described in subsection (a) shall not exceed  
11 25 percent of the total cost of the project.

12 “(c) LIMITATION.—Funds provided by the Secretary  
13 shall not be used for operation or maintenance of the  
14 project described in subsection (a).

15 “(d) AUTHORIZATION OF APPROPRIATIONS.—There  
16 is authorized to be appropriated to carry out this section  
17 \$20,000,000.

18 **“SEC. 1635. INLAND EMPIRE REGIONAL WATER RECYCLING**  
19 **PROJECT.**

20 “(a) IN GENERAL.—The Secretary, in cooperation  
21 with the Inland Empire Utilities Agency, may participate  
22 in the design, planning, and construction of the Inland  
23 Empire regional project described in the report submitted  
24 under section 1606 to recycle water for ecosystem restora-  
25 tion, irrigation, recreational, industrial, and other public  
26 purposes.

1       “(b) COST SHARING.—The Federal share of the cost  
2 of the project described in subsection (a) shall not exceed  
3 25 percent of the total cost of the project.

4       “(c) LIMITATION.—Funds provided by the Secretary  
5 shall not be used for operation or maintenance of the  
6 project described in subsection (a).

7       “(d) AUTHORIZATION OF APPROPRIATIONS.—There  
8 is authorized to be appropriated to carry out this section  
9 \$20,000,000.

10 **“SEC. 1636. SAN PABLO BAYLANDS WATER REUSE**  
11 **PROJECTS.**

12       “(a) IN GENERAL.—The Secretary, in cooperation  
13 with Sonoma, Napa, Marin, and Solano Counties, Cali-  
14 fornia, may participate in the design, planning, and con-  
15 struction of water reuse projects, to be known collectively  
16 as the ‘San Pablo Baylands water reuse projects’, to ob-  
17 tain, store, and use reclaimed wastewater for ecosystem  
18 restoration, irrigation, recreational, industrial, and other  
19 public purposes.

20       “(b) COST SHARING.—The Federal share of the cost  
21 of a project described in subsection (a) shall not exceed  
22 25 percent of the total cost of the project.

23       “(c) LIMITATION.—Funds provided by the Secretary  
24 shall not be used for operation or maintenance of any  
25 project described in subsection (a).

1 “(d) AUTHORIZATION OF APPROPRIATIONS.—There  
 2 is authorized to be appropriated to carry out this section  
 3 \$20,000,000.

4 **“SEC. 1637. CALIFORNIA WATER RECYCLING PROGRAM.**

5 “(a) IN GENERAL.—The Secretary may provide as-  
 6 sistance to the State of California in carrying out projects  
 7 that receive funding under chapter 7, article 4, of the Safe  
 8 Drinking Water, Clean Water, Watershed Protection, and  
 9 Flood Protection Act of the State of California to recycle  
 10 water for ecosystem restoration, irrigation, recreational,  
 11 industrial, and other public purposes.

12 “(b) AGREEMENTS.—The Secretary may enter into  
 13 such agreements as are necessary to carry out this section.

14 “(c) COST SHARING.—The Federal share of the cost  
 15 of a project described in subsection (a) shall not exceed  
 16 25 percent of the total cost of the project.

17 “(d) LIMITATION.—Funds provided by the Secretary  
 18 shall not be used for operation or maintenance of any  
 19 project described in subsection (a).

20 “(e) AUTHORIZATION OF APPROPRIATIONS.—Upon  
 21 approval of the Act referred to in subsection (a), there  
 22 is authorized to be appropriated to carry out this section  
 23 \$50,000,000.

24 **“SEC. 1638. REGIONAL BRINE LINES.**

25 “(a) IN GENERAL.—

1           “(1) SOUTHERN CALIFORNIA.—The Secretary,  
 2           in cooperation with units of local government, may  
 3           carry out a program under the Federal reclamation  
 4           laws to assist agencies in projects to construct re-  
 5           gional brine lines to export the salinity imported  
 6           from the Colorado River to the Pacific Ocean as  
 7           identified in—

8                   “(A) the Salinity Management Study pre-  
 9                   pared by the Bureau of Reclamation; and

10                   “(B) the Southern California Comprehen-  
 11                   sive Water Reclamation and Reuse Study pre-  
 12                   pared by the Bureau of Reclamation.

13           “(2) SAN FRANCISCO BAY AND SANTA CLARA  
 14           VALLEY.—The Secretary may carry out a study of,  
 15           and a program under the Federal reclamation laws  
 16           to assist water agencies in, projects to construct re-  
 17           gional brine lines in the San Francisco Bay area and  
 18           the Santa Clara Valley area, California.

19           “(b) AGREEMENTS AND REGULATIONS.—The Sec-  
 20           retary may enter into such agreements and promulgate  
 21           such regulations as are necessary to carry out this section.

22           “(c) COST SHARING.—

23                   “(1) PROJECTS.—The Federal share of the cost  
 24                   of a project to construct regional brine lines de-  
 25                   scribed in subsection (a) shall not exceed—



1                   “(A) 25 percent of the total cost of the  
2                   project; or

3                   “(B) \$50,000,000.

4                   “(2) STUDY.—The Federal share of the cost of  
5                   the study described in subsection (a)(2) shall be 50  
6                   percent.

7                   “(d) LIMITATION.—Funds provided by the Secretary  
8                   shall not be used for operation or maintenance of any  
9                   project described in subsection (a).

10                  “(e) AUTHORIZATION OF APPROPRIATIONS.—There  
11                  are authorized to be appropriated such sums as are nec-  
12                  essary to carry out this section.

13   **“SEC. 1639. LOWER CHINO DAIRY AREA DESALINATION**  
14                               **DEMONSTRATION       AND       RECLAMATION**  
15                               **PROJECT.**

16                  “(a) IN GENERAL.—The Secretary, in cooperation  
17                  with the Chino Basin Watermaster, the Inland Empire  
18                  Utilities Agency, the Western Municipal Water District,  
19                  and the Santa Ana Watershed Project Authority and act-  
20                  ing under the Federal reclamation laws, shall participate  
21                  in the design, planning, and construction of the Lower  
22                  Chino Dairy Area desalination demonstration and rec-  
23                  lamation project.

1       “(b) COST SHARING.—The Federal share of the cost  
2 of the project described in subsection (a) shall not  
3 exceed—

4               “(1) 25 percent of the total cost of the project;

5       or

6               “(2) \$50,000,000.

7       “(c) LIMITATION.—Funds provided by the Secretary  
8 shall not be used for operation or maintenance of the  
9 project described in subsection (a).

10       “(d) AUTHORIZATION OF APPROPRIATIONS.—There  
11 are authorized to be appropriated such sums as are nec-  
12 essary to carry out this section.”; and

13               (6) by inserting after section 1672 (as redesign-  
14 nated by paragraph (2)) the following:

15       **“SEC. 1673. RESEARCH CONCERNING WATER REUSE.**

16       “(a) IN GENERAL.—The Secretary, in cooperation  
17 with the WaterReuse Foundation, shall develop and carry  
18 out a program to conduct research concerning water reuse  
19 in relation to—

20               “(1) public health;

21               “(2) water quality;

22               “(3) new technology and techniques;

23               “(4) salt management;

24               “(5) economics;

25               “(6) ecosystem restoration; and

1 “(7) other important matters.

2 “(b) AUTHORIZATION OF APPROPRIATIONS.—There  
3 is authorized to be appropriated to carry out this section  
4 \$2,500,000 for each of fiscal years 2001 through 2005,  
5 to remain available until expended.”.

6 **SEC. 4. WEST BASIN COMPREHENSIVE DESALINATION DEM-**  
7 **ONSTRATION PROGRAM.**

8 Section 1605 of the Reclamation Wastewater and  
9 Groundwater Study and Facilities Act (43 U.S.C. 390h–  
10 3) is amended—

11 (1) by redesignating subsection (d) as sub-  
12 section (e); and

13 (2) by inserting after subsection (c) the fol-  
14 lowing:

15 “(d) WEST BASIN COMPREHENSIVE DESALINATION  
16 DEMONSTRATION PROGRAM.—

17 “(1) IN GENERAL.—The Secretary, in coopera-  
18 tion with the West Basin Municipal Water District,  
19 shall participate in the planning, design, and con-  
20 struction of the components of the West Basin Com-  
21 prehensive Desalination Demonstration Program in  
22 Los Angeles County, California.

23 “(2) FEDERAL SHARE.—The Federal share of  
24 the cost of the project described in paragraph (1)  
25 shall not exceed 50 percent of the total.

1           “(3) LIMITATION.—The Secretary shall not  
 2           provide funds for the operation or maintenance of  
 3           the components described in paragraph (1).”.

4   **SEC. 5. PROJECT MODIFICATIONS.**

5           (a) LOS ANGELES AREA.—Section 1613 of the Rec-  
 6           lamation Wastewater and Groundwater Study and Facili-  
 7           ties Act (43 U.S.C. 390h–11) is amended by striking sub-  
 8           section (b) and inserting the following:

9           “(b) WATER RECYCLING PROJECT.—

10           “(1) IN GENERAL.—The Secretary may partici-  
 11           pate in the design, planning, and construction of a  
 12           water recycling project, to be known as the ‘City of  
 13           Los Angeles Water Recycling Program’, to reclaim  
 14           and reuse wastewater within the city of Los Angeles  
 15           and surrounding area for ecosystem restoration, irri-  
 16           gation, recreational, industrial, and other public pur-  
 17           poses.

18           “(2) COMPONENTS.—The water recycling  
 19           project shall consist of—

20           “(A) the central city project, a multiphase  
 21           project that may provide up to 4,000 acre-feet  
 22           per year of recycled water for ecosystem res-  
 23           toration and for industrial, commercial, and ir-  
 24           rigation customers near downtown Los Angeles;  
 25           and

1           “(B) the harbor water recycling project, a  
 2           multiphase project that may provide up to  
 3           25,000 acre-feet per year of recycled water to  
 4           the Los Angeles Harbor area.

5           “(c) COST SHARING.—

6           “(1) IN GENERAL.—The Federal share of the  
 7           cost of the projects described in subsections (a) and  
 8           (b) shall not exceed 25 percent of the total cost of  
 9           the projects.

10          “(2) MAXIMUM FEDERAL SHARE.—The Federal  
 11          share with respect to the water recycling project de-  
 12          scribed in subsection (b) shall not exceed  
 13          \$12,000,000.

14          “(d) LIMITATION.—Funds provided by the Secretary  
 15          shall not be used for operation or maintenance of any  
 16          project described in subsection (a) or (b).”.

17          (b) SAN GABRIEL BASIN.—Section 1640(d) of the  
 18          Reclamation Wastewater and Groundwater Study and Fa-  
 19          cilities Act (43 U.S.C. 390h–13(d)) (as redesignated by  
 20          section 3(a)(2)) is amended—

21                 (1) in paragraph (1), by striking “paragraph  
 22                 (2)” and inserting “paragraphs (2) and (3)”;

23                 (2) in paragraph (2), by inserting “(other than  
 24                 section 1614)” after “this title”; and

25                 (3) by adding at the end the following:

1           “(3) SAN GABRIEL BASIN.—In the case of the  
 2           project authorized by section 1614, the Federal  
 3           share of the cost of the project shall not exceed  
 4           \$50,500,000.”.

5 **SEC. 6. TECHNICAL AND CONFORMING AMENDMENTS.**

6           (a) The Reclamation Wastewater and Groundwater  
 7 Study and Facilities Act is amended—

8                 (1) in section 1640 (43 U.S.C. 390h–13) (as  
 9           redesignated by section 3(a)(2))—

10                     (A) in subsection (a), by striking “1630”  
 11                     and inserting “1632”; and

12                     (B) in subsection (d)(1), by inserting  
 13                     “(other than sections 1634, 1636, 1637, 1638,  
 14                     and 1639)” after “authorized by this title”;

15                 (2) in section 1671(c) (43 U.S.C. 390h–14(c))  
 16           (as redesignated by section 3(a)(2)), by striking  
 17           “section 1633” and inserting “section 1672”; and

18                 (3) in section 1672 (43 U.S.C. 390h–15) (as  
 19           redesignated by section 3(a)(2))—

20                     (A) in the section heading, by inserting  
 21                     “**FOR GROUNDWATER STUDY**” before the pe-  
 22                     riod; and

23                     (B) by striking “section 1632” and insert-  
 24                     ing “section 1671”.

1 (b) The table of contents in section 2 of the Reclama-  
 2 tion Projects Authorization and Adjustment Act of 1992  
 3 (43 U.S.C. prec. 371; Public Law 102–575) is amended—  
 4 (1) by inserting after the item relating to sec-  
 5 tion 1601 the following:

“Subtitle A—Specific Projects”;

6 and

7 (2) by striking the items relating to sections  
 8 1631 through 1634 and inserting the following:

“Sec. 1631. Willow Lake Natural Treatment System Project.

“Sec. 1632. Castaic Lake Water Agency reclaimed water project.

“Sec. 1633. Clear Lake Basin water reuse project.

“Sec. 1634. San Ramon Valley recycled water project.

“Sec. 1635. Inland Empire regional water recycling project.

“Sec. 1636. San Pablo Baylands water reuse projects.

“Sec. 1637. California water recycling program.

“Sec. 1638. Regional brine lines.

“Sec. 1639. Lower Chino Dairy Area desalination demonstration and reclama-  
 tion project.

“Sec. 1640. Authorization of appropriations.

“Subtitle B—Studies and Research

“Sec. 1671. Groundwater study.

“Sec. 1672. Authorization of appropriations for groundwater study.

“Sec. 1673. Research concerning water reuse.”.

